



CONSTRUCTION EQUIPMENT

VOLVO A35G 352200 - TRANSMISSION (AUTO)



Sample No: VCP451402
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP451402 | VCP395876 | --- | --- |
| Sample Date | 26 Jun 2024 | 26 Sep 2023 | --- | --- |
| Machine Hours | 3117 | 2200 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Not Changd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 27.5 | 26.6 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 15 | 15 | --- | --- |
| Sodium | ppm | 7 | 5 | --- | --- |
| Potassium | ppm | 4 | 2 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 40 | 31 | --- | --- |
| Copper | ppm | 21 | 17 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 4 | 4 | --- | --- |
| Aluminum | ppm | 25 | 19 | --- | --- |
| Chromium | ppm | <1 | 0 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | <1 | 1 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 4 | 4 | --- | --- |
| Vanadium | ppm | <1 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 72 | 71 | --- | --- |
| Magnesium | ppm | 0 | 0 | --- | --- |
| Zinc | ppm | 8 | 0 | --- | --- |
| Phosphorus | ppm | 195 | 196 | --- | --- |
| Barium | ppm | <1 | 0 | --- | --- |
| Boron | ppm | 67 | 78 | --- | --- |

Depot: VOLVO0090
Unique No: 11102121
Signed: Angela Borella
Report Date: 01 Jul 2024



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GRAPHS

